



```

chain nodes :
  15 16 33 34 39 40
ring nodes :
  1 2 3 4 5 6 7 8 9 10 11 12 13 14 19 20 21 22 23 24 25 26 27 28 29 30
  31 32
chain bonds :
  7-15 10-16 12-33 21-34 25-39 28-40 33-34
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 13-14 19-20
  19-24 19-28 20-21 21-22 22-23 23-24 24-25 25-26 26-27 26-29 27-28 27-32 29-30
  30-31 31-32
exact/norm bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-15 8-9 8-11 9-10 9-14 10-16 11-12 12-13
  13-14 19-24 19-28 24-25 25-26 25-39 26-27 26-29 27-28 27-32 28-40 29-30 30-31
  31-32 33-34
exact bonds :
  12-33 21-34
normalized bonds :
  19-20 20-21 21-22 22-23 23-24

```

G1:Cl,Br,F,I,CH3,Et,n-Pr,s-Bu,CF2,MeO,EtO,n-PrO,CN,C,O,S,N,Si

G2:C,N

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
  12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
  24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS
  34:CLASS 39:CLASS 40:CLASS

```